CW#6-7: Review!

Geometry

*Teacher Notes*

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

|  |  |
| --- | --- |
| 1a) Graph the following: {-3 < x < 5}  1b) Would this inequality set represent an “AND” or “OR” situation, and why? | 2) What are the values that satisfy the following inequality (and graph it):    a) {-5< x <5}  b) {}  c) {x > 5 or x < -5}  d) {x > 5 and x < -5}  e) No Solution |
| 3) What is the distance between the two solutions for:    a) 10  b) 20  c) -10  d) 0  e) 100 | 4) What is the solution set of: 6|-3x+4|+7=3  a){-, }  b){}  c){0}  d){-4, 3}  e) No Solution |
| 5) What are the values of d that satisfy the inequality  -6|- d + 4| 24? | 6)What is the sum of the solutions to the following equation: |2x+2|+7=13? |

CW#6-7: Review!

Geometry

|  |  |
| --- | --- |
| 7) Solve and Graph | 8) Which inequality would have a solution set that looks like    a)|x|> 5  b)|4x-5|+6 < 20  c)4|x+3|=24  d)|x| 5  e)4+|x|16 |
| 9)Solve 3|r-2|< 6 | 10) Solve |x-21|= -5 |